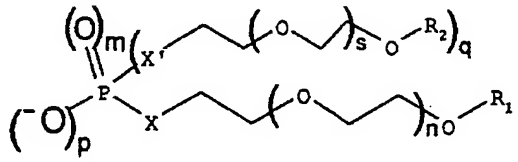
CLAIMS

1. The use for preparing an emulsion for adhesive of a composition comprising for successive or simultaneous addition an isocyanate composition a) with a mass content of N=C=O function of between 10% and 30% (limits inclusive) and advantageously from 15% to 25% (limits inclusive) and with a viscosity of not more than 2500 mPa.s, advantageously not more than 1500 mPa.s, preferably not more than 1400 mPa.s and more preferably not more than 1200 mPa.s

- a surfactant b) comprising as main constituent (i.e. at least 50% by mass) a compound or a mixture of compounds of mean general formula:



in which:

- p represents a value between 1 and 2 (closed intervals, i.e. comprising the limits);
- m represents zero or 1;
- the sum p+m+q is equal to 3;
- the sum 1+p+2m+q is equal to 3 or 5, advantageously 5;
- X is an oxygen;
  X' is an oxygen;
- n and s have the same statistical value, chosen between 5 and 30, advantageously between 5 and 25 and preferably between 9 and 20 (closed intervals, i.e. including the limits); in which R_1 and R_2, which are identical, are chosen from optionally substituted aryl radicals,
- R_1 and R_2 usually represent an alkylaryl of 10 to 20 carbon atoms.

2. The use as claimed in claim 1, characterized in that the viscosity is not more than 2000, advantageously not more than 1500 mPa.s, preferably not more than 1400 mPa.s and more preferentially not more than 1200 mPa.s

3. The use as claimed in either of claims 1 and 2, characterized in that the ratio between the mass of the agent b) (numerator) and the mass of composition a) (denominator) is within the closed interval (i.e. including the limits) ranging from 2% to 10% and advantageously from 3% to 7%.

4. The use as claimed in one of claims 1 to 3, characterized in that the sum p+q is equal to 2.

5. The use as claimed in claims 1 to 4, characterized in that said isocyanate composition a) comprises at least 50% and advantageously 70% by mass of oligomers chosen from hetero- and homooligomers in which at least one of the monomers is an aliphatic monomer, advantageously in which all of the monomers are aliphatic monomers chosen from those bearing at least two isocyanate functions and in which the skeleton, on the shortest trajectory connecting two isocyanate functions, comprises at least one polymethylene sequence of at least two methylene chain units $(CH_2)_\pi$ ($\pi \geq 2$), which is exocyclic when the monomer comprises a ring.

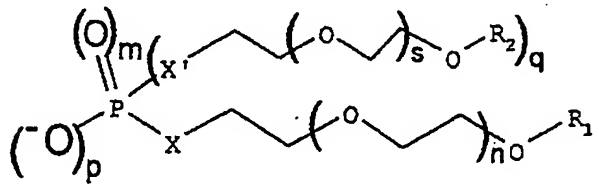
6. The use as claimed in one of claims 1 to 5, characterized in that said isocyanate composition a) comprises a portion of reactive solvent comprising at least one molecule chosen from dimers, bis-dimers, polymethylene diisocyanate monoallophanates and di-, tri- or even tetra-functional monomers with a molecular mass at least equal to 200.

7. The use as claimed in claim 6, characterized in that said portion represents a portion ranging from 5% to 20% by mass of the isocyanate composition a).

8. The use as claimed in either of claims 6 and 7, characterized in that the dimers and bis-dimers represent by mass advantageously from 5% to 20% and preferably at least 7% of the composition a).

9. An adhesive composition, characterized in that said composition also comprises, in successive or simultaneous addition:

- an isocyanate composition a) with a mass content of N=C=O function of between 10% and 30% (limits inclusive) and advantageously from 15% to 25% (limits inclusive) and with a viscosity of not more than 2500 mPa.s, advantageously not more than 1500 mPa.s, preferably not more than 1400 mPa.s and even not more than 1200 mPa.s,
- a surfactant b) comprising as main constituent (i.e. at least 50% by mass) a compound or mixture of compounds of general formula:



in which:

- p represents an integer between 1 and 2 (closed intervals, i.e. including the limits);
- m represents 0 or 1;
- the sum p+m+q is equal to 3;
- the sum 1+p+2m+q is equal to 3 or 5, advantageously to 5;

- X is an oxygen;
- X' is an oxygen;
- n and s, which may be identical or different, represent an integer chosen between 5 and 30, advantageously between 5 and 25 and preferably between 9 and 20 (closed intervals, i.e. including the limits), in which R_1 and R_2, which are identical, are chosen from optionally substituted aryl radicals,
- R_1 and R_2 usually represent an alkylaryl of 10 to 20 carbon atoms,

- an aqueous phase with a pH of between 4 and 9, advantageously bearing an adhesive polymer that is known per se.